Study Guide

Inheritance and Adaptations

Grade 5

**Things to Know**

* Scientists
  + Thomas Hunt Morgan
  + James Watson
  + Rosalind Franklin
  + Gegor Mendel
* Chromosomes
* Genes
  + Dominant and Recessive
  + Heterozygous and Homozygous
  + Mutations
  + Inheritance
* Alleles
* Incomplete Dominance
* Co-Dominance
* Nucleotide Sequences Chart
* Punnett Squares
  + How to make them
  + Genotypes and Phenotypes
  + Chances/ Probability of genes (HINT: percentages)
* Adaptations (Animals)- Give an example and explain it
  + Structural
  + Behavioral
  + Cold Climate
  + Hot, Dry Climate